

# NASA OSMA Software Assurance Symposium 03

July 30 – August 1, 2003

Morgantown, WV

## The 3rd Annual NASA Office of Safety and Mission Assurance (OSMA) Software Assurance Symposium (SAS)

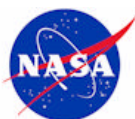


*A beautiful place awaits!*

### 3rd Annual NASA OSMA SAS

- When: July 30 – August 1, 2003
- Where: Lakeview Scanticon Resort and Conference Center, Morgantown, West Virginia
- Managed by the NASA Software IV&V Facility

**Your Hosts:**  
NASA IV&V Facility  
OSMA SARP  
ProLogic, Inc.



### Presenter OSMA SARP Researchers

- Alabama A&M University
- Arizona State University
- Fraunhofer Center – Maryland
- Galaxy Global Corp.
- GSFC/SATC
- ISR
- IV&V
- JPL
- JSC
- Mountain State Information Systems
- Portland State University
- QSS Group
- SAIC
- Titan Systems
- Triakis
- University of Alabama
- University of Kentucky
- University of Maryland

- University of Minnesota
- University of Montana
- US Navy
- Valimetrics, LLC
- West Virginia University

### Topics of Interest include (but are not limited to)

- Architectural Level Software Metrics
- Fault Tree Analysis Application for Safety and Reliability
- Formal Approaches to Swarm Technologies
- Injecting Faults for Software Error Evaluation
- Integrating Software Into Probabilistic Risk Assessment
- Performability of Web Based Applications
- Resource Exhaustion in Real Time Operating System
- Safety-Critical Software Anomalies
- Software Development Planning Tool w/Cost Estimation & Risk Assessment
- Software Probabilistic Risk Assessment
- Software Reliability Prediction
- Software Risk Reduction
- Return on Investment for IV&V
- Verification and Validation of Adaptive Systems

### Who Should Attend

- Software Researchers
- Software Engineers
- Software Quality Manager
- IV&V Practitioners
- Software Program & Project Managers
- Individuals interested in highly reliable fault tolerant software